S01P0392

FIG. 1

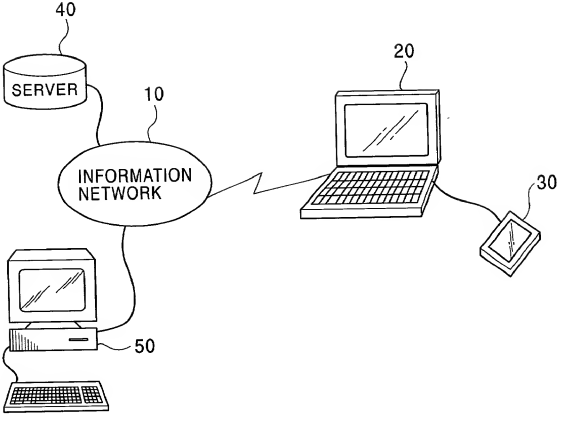


FIG. 2

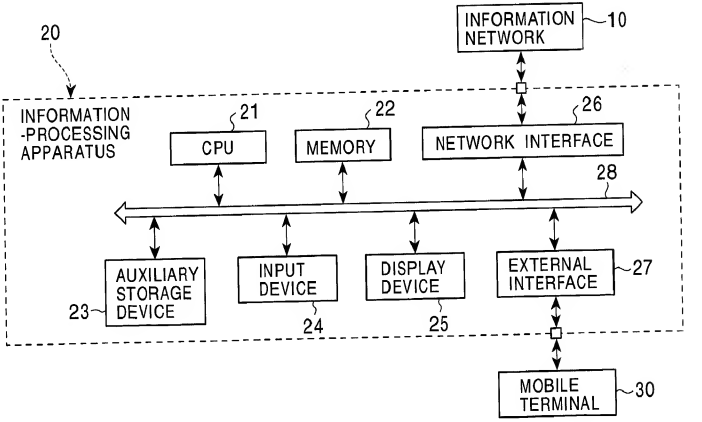

20
INFORMATION NETWORK
10
INFORMATION -PROCESSING APPARATUS
CPU
21
MEMORY
22
NETWORK INTERFACE
26
28
AUXILIARY STORAGE DEVICE
23
INPUT DEVICE
24
DISPLAY DEVICE
25
EXTERNAL INTERFACE
27
MOBILE TERMINAL
30

FIG. 3A

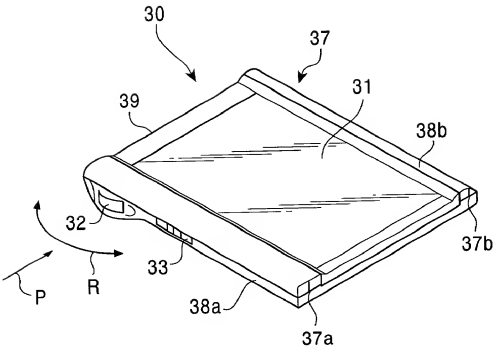


FIG. 3B

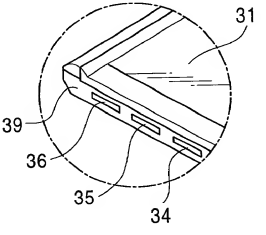


FIG. 4

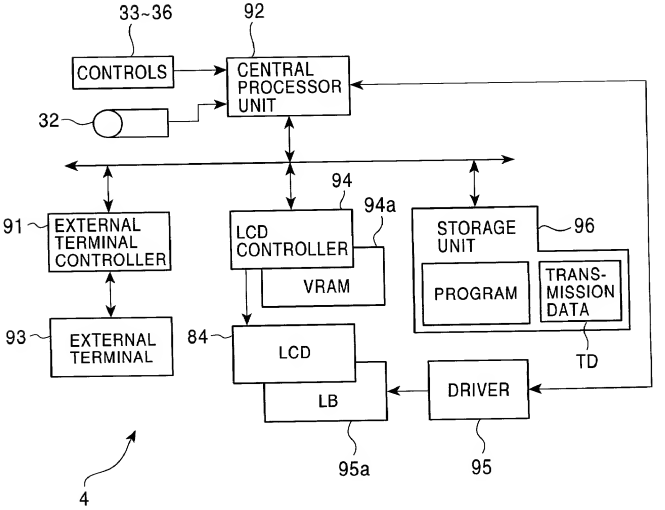

33~36
92
CONTROLS
CENTRAL PROCESSOR UNIT
32
94
94a
91
EXTERNAL TERMINAL CONTROLLER
LCD CONTROLLER
STORAGE UNIT
96
VRAM
PROGRAM
TRANS-MISSION DATA
TD
93
EXTERNAL TERMINAL
84
LCD
LB
DRIVER
95a
95
4

FIG.5A

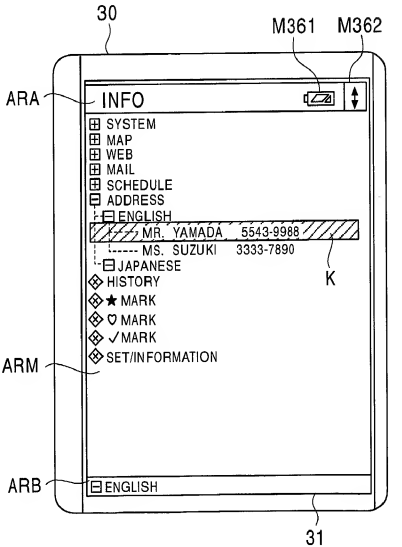

30
M361
M362
ARA
INFO
SYSTEM
MAP
WEB
MAIL
SCHEDULE
ADDRESS
ENGLISH
MR. YAMADA 5543-9988
MS. SUZUKI 3333-7890
JAPANESE
K
HISTORY
★ MARK
♡ MARK
✓ MARK
SET/INFORMATION
ARM
ARB
ENGLISH
31

FIG.5B

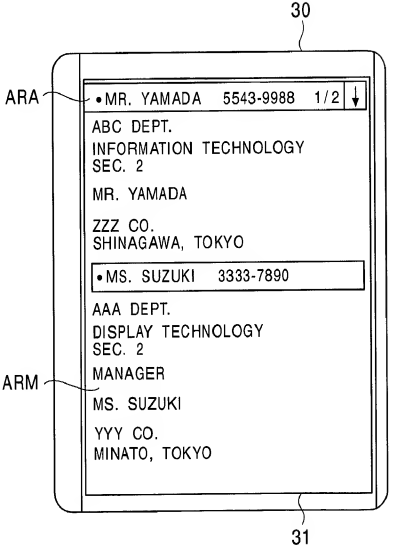

30
ARA
•MR. YAMADA 5543-9988 1/2
ABC DEPT.
INFORMATION TECHNOLOGY
SEC. 2
MR. YAMADA
ZZZ CO.
SHINAGAWA, TOKYO
•MS. SUZUKI 3333-7890
AAA DEPT.
DISPLAY TECHNOLOGY
SEC. 2
MANAGER
ARM
MS. SUZUKI
YYY CO.
MINATO, TOKYO
31

FIG. 6

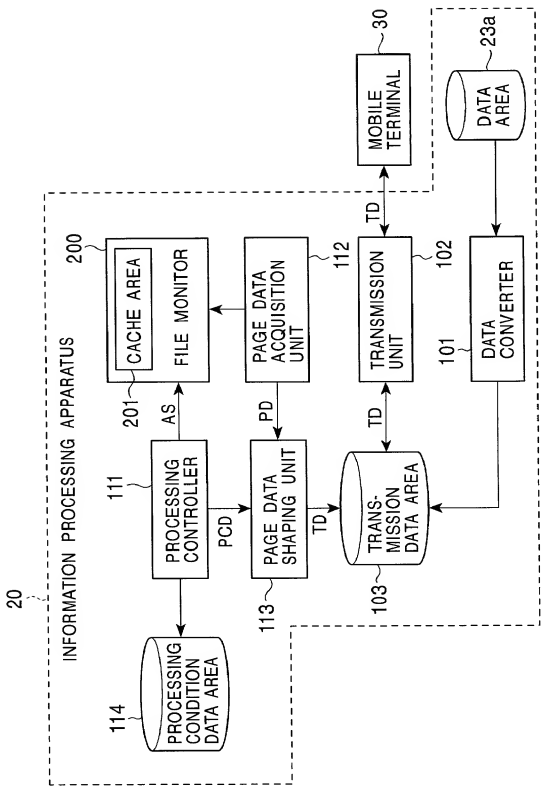

20
INFORMATION PROCESSING APPARATUS
200
CACHE AREA
FILE MONITOR
201
AS
111
PROCESSING CONTROLLER
PCD
PROCESSING CONDITION DATA AREA
114
PAGE DATA SHAPING UNIT
113
TD
PD
PAGE DATA ACQUISITION UNIT
112
TRANS-MISSION DATA AREA
103
TD
TRANSMISSION UNIT
102
TD
MOBILE TERMINAL
30
101
DATA CONVERTER
DATA AREA
23a

FIG. 7

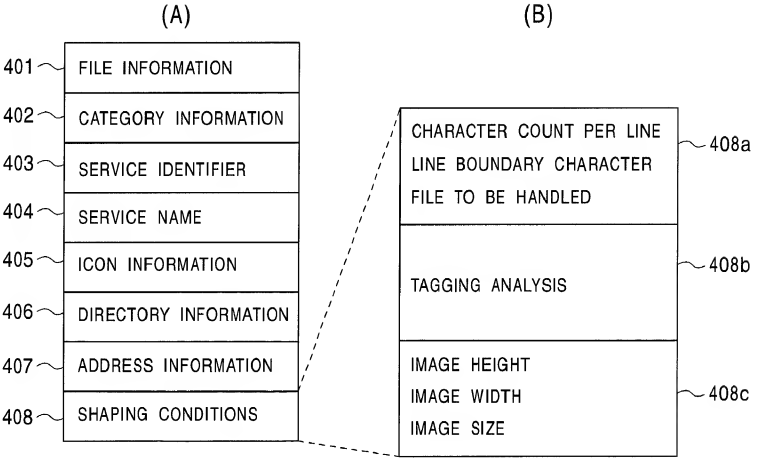

(A)
(B)
401
FILE INFORMATION
402
CATEGORY INFORMATION
403
SERVICE IDENTIFIER
404
SERVICE NAME
405
ICON INFORMATION
406
DIRECTORY INFORMATION
407
ADDRESS INFORMATION
408
SHAPING CONDITIONS
CHARACTER COUNT PER LINE
LINE BOUNDARY CHARACTER
FILE TO BE HANDLED
408a
TAGGING ANALYSIS
408b
IMAGE HEIGHT
IMAGE WIDTH
IMAGE SIZE
408c

FIG. 8A

ADDRESS	○ ○ ○ ○ ○ ○ ○
TEL	△△-△△△△-△△△△
FAX	□□-□□□□-□□□□

FIG. 8B

```
<TABLE BORDER>
<TR>ADDRESS<TD>  ○○-○○○○-○○○○  </TR>
<TR>TEL<TD>      △△-△△△△-△△△△  </TR>
<TR>FAX<TD>      □□-□□□□-□□□□  </TR>
</TABLE>
```

FIG. 8C

ADDRESS
○○-○○○○-○○○○

TEL
△△-△△△△-△△△△

FAX
□□-□□□□-□□□□

FIG. 9

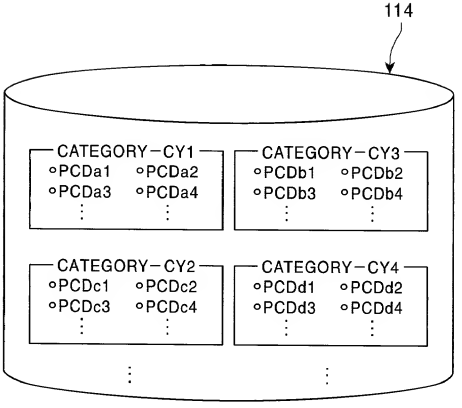

114
CATEGORY-CY1
PCDa1 PCDa2
PCDa3 PCDa4
CATEGORY-CY3
PCDb1 PCDb2
PCDb3 PCDb4
CATEGORY-CY2
PCDc1 PCDc2
PCDc3 PCDc4
CATEGORY-CY4
PCDd1 PCDd2
PCDd3 PCDd4

FIG. 10

```
<GETINFO name=" Samplefile" link=" Reffig.bmp>
THIS FILE IS SAMPLE DATA.
FIGURE 1 IS PROVIDED AS A REFERENCE TO THIS FILE.
<IMG SRC=fig. bmp ALT="Reference figure"
</GETINFO>
```

FIG. 11A

```
<GETINFO name=" Samplefile">
EFFECTIVE DATA STARTS FROM HERE.
    <DUMPINFO>
    THIS RANGE IS NOT ACQUIRED.
    </DUMPINFO>
THIS FILE IS A SAMPLE.
EFFECTIVE DATA ENDS HERE.
</GETINFO>
```

FIG. 11B

CONTENT OF Samplefile. txt

EFFECTIVE DATA STARTS FROM HERE.
THIS FILE IS A SAMPLE.
EFFECTIVE DATA ENDS HERE.

FIG. 12A

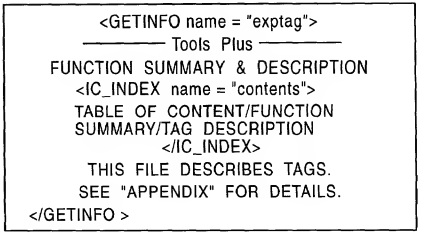


FIG. 12B

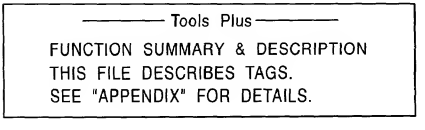


FIG. 12C

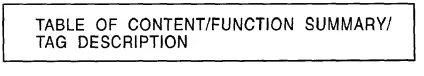


FIG. 13

```
<COUPON limit="3month">
<P>
<TABLE BORDER CELLSPACING=2 CELLPADDING=10>
<TR>
<TD ALIGN=CBNTER NOWRAP>
<FONT SIZE=+2><B>COUPON</B></FONT>
<P>

FOLLOWING PRIVILEGES ARE GRANTED.
(SINGLE COUPON IS EFFECTIVE FOR AN INDIVIDUAL OR A GROUP.)
<P>
<FONT>
<B> 500 YEN DISCOUNT PER PERSON </B>
</FONT>
<P>
* A SINGLE COUPON EFFECTIVE ONE TIME ONLY
<BR>
CHAIN PUB HOUSE AT GOTANDA
</TD>
</TR>
</TABLE>
</COUPON>
```

FIG. 14

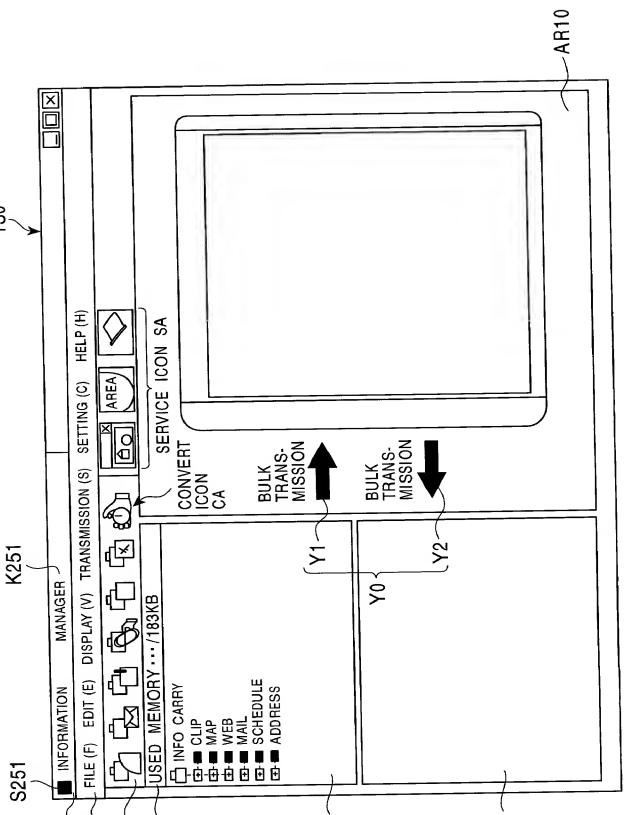

130
K251
S251
131
132
133
AR8a
AR8
AR9
AR10
INFORMATION MANAGER
FILE (F) EDIT (E) DISPLAY (V) TRANSMISSION (S) SETTING (C) HELP (H)
AREA
SERVICE ICON SA
USED MEMORY ･･･ /183KB
INFO CARRY
CLIP
MAP
WEB
MAIL
SCHEDULE
ADDRESS
CONVERT ICON CA
BULK TRANS-MISSION
BULK TRANS-MISSION
Y1
Y0
Y2

FIG. 15

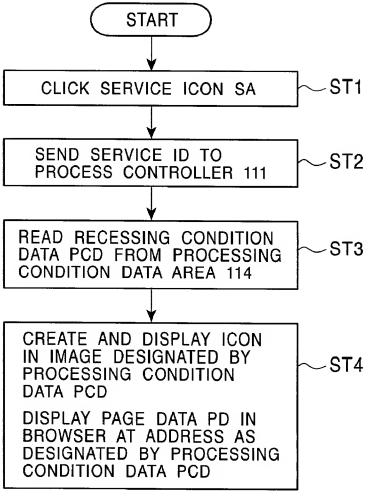

START
CLICK SERVICE ICON SA
ST1
SEND SERVICE ID TO PROCESS CONTROLLER 111
ST2
READ RECESSING CONDITION DATA PCD FROM PROCESSING CONDITION DATA AREA 114
ST3
CREATE AND DISPLAY ICON IN IMAGE DESIGNATED BY PROCESSING CONDITION DATA PCD
DISPLAY PAGE DATA PD IN BROWSER AT ADDRESS AS DESIGNATED BY PROCESSING CONDITION DATA PCD
ST4

FIG. 16

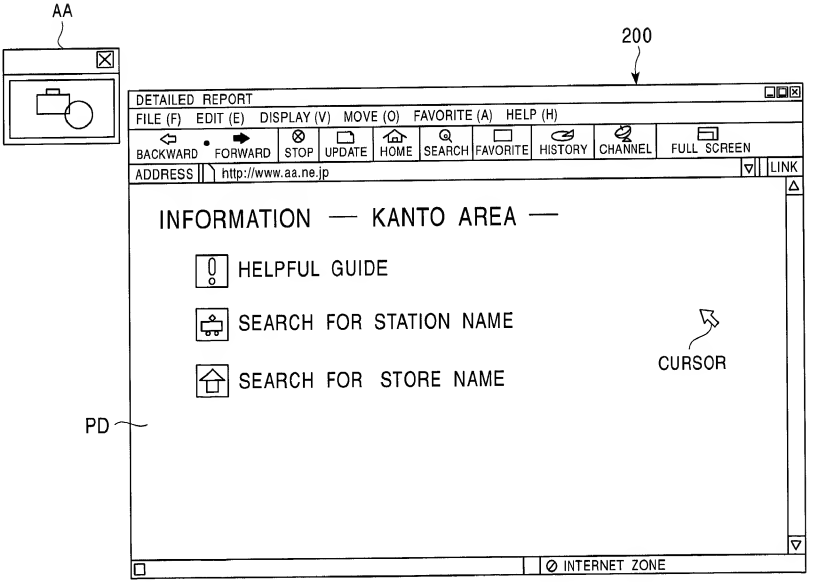

AA
200
DETAILED REPORT
FILE (F) EDIT (E) DISPLAY (V) MOVE (O) FAVORITE (A) HELP (H)
BACKWARD FORWARD STOP UPDATE HOME SEARCH FAVORITE HISTORY CHANNEL FULL SCREEN
ADDRESS http://www.aa.ne.jp
LINK
INFORMATION — KANTO AREA —
HELPFUL GUIDE
SEARCH FOR STATION NAME
SEARCH FOR STORE NAME
CURSOR
PD
INTERNET ZONE

FIG. 17

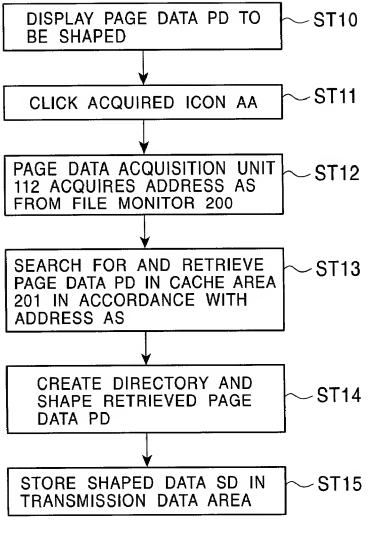

DISPLAY PAGE DATA PD TO BE SHAPED
ST10
CLICK ACQUIRED ICON AA
ST11
PAGE DATA ACQUISITION UNIT 112 ACQUIRES ADDRESS AS FROM FILE MONITOR 200
ST12
SEARCH FOR AND RETRIEVE PAGE DATA PD IN CACHE AREA 201 IN ACCORDANCE WITH ADDRESS AS
ST13
CREATE DIRECTORY AND SHAPE RETRIEVED PAGE DATA PD
ST14
STORE SHAPED DATA SD IN TRANSMISSION DATA AREA
ST15

FIG. 18

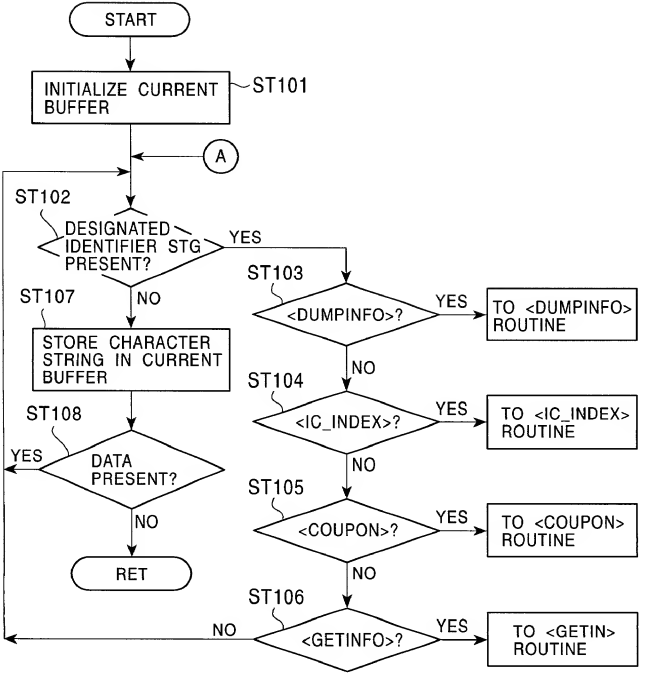

START
INITIALIZE CURRENT BUFFER
ST101
A
ST102
DESIGNATED IDENTIFIER STG PRESENT?
YES
NO
ST103
<DUMPINFO>?
YES
TO <DUMPINFO> ROUTINE
NO
ST104
<IC_INDEX>?
YES
TO <IC_INDEX> ROUTINE
NO
ST105
<COUPON>?
YES
TO <COUPON> ROUTINE
NO
ST106
<GETINFO>?
YES
TO <GETIN> ROUTINE
NO
ST107
STORE CHARACTER STRING IN CURRENT BUFFER
ST108
DATA PRESENT?
YES
NO
RET

FIG. 19

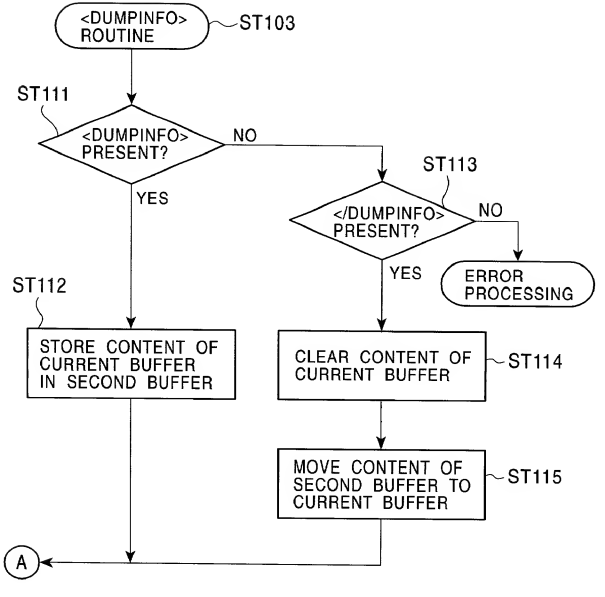

<DUMPINFO> ROUTINE
ST103
ST111
<DUMPINFO> PRESENT?
NO
YES
ST113
</DUMPINFO> PRESENT?
NO
YES
ERROR PROCESSING
ST112
STORE CONTENT OF CURRENT BUFFER IN SECOND BUFFER
CLEAR CONTENT OF CURRENT BUFFER
ST114
MOVE CONTENT OF SECOND BUFFER TO CURRENT BUFFER
ST115
A

FIG. 20

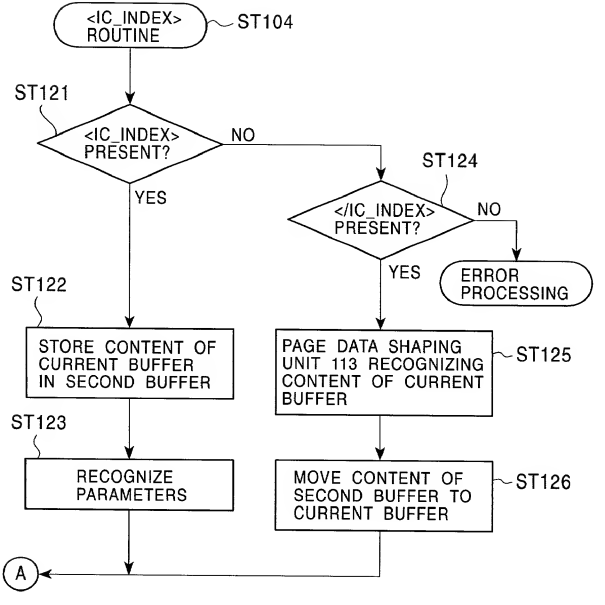

<IC_INDEX> ROUTINE
ST104
ST121
<IC_INDEX> PRESENT?
NO
YES
ST124
</IC_INDEX> PRESENT?
NO
YES
ERROR PROCESSING
ST122
STORE CONTENT OF CURRENT BUFFER IN SECOND BUFFER
PAGE DATA SHAPING UNIT 113 RECOGNIZING CONTENT OF CURRENT BUFFER
ST125
ST123
RECOGNIZE PARAMETERS
MOVE CONTENT OF SECOND BUFFER TO CURRENT BUFFER
ST126
A

FIG. 21

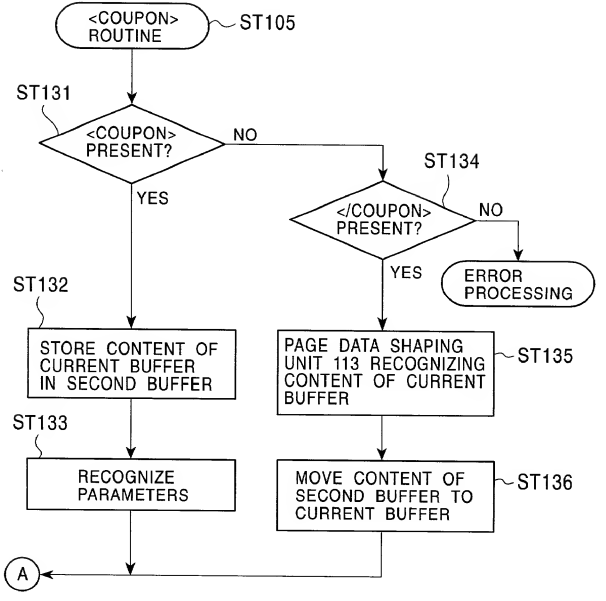

<COUPON> ROUTINE
ST105
ST131
<COUPON> PRESENT?
NO
YES
ST134
</COUPON> PRESENT?
NO
YES
ERROR PROCESSING
ST132
STORE CONTENT OF CURRENT BUFFER IN SECOND BUFFER
PAGE DATA SHAPING UNIT 113 RECOGNIZING CONTENT OF CURRENT BUFFER
ST135
ST133
RECOGNIZE PARAMETERS
MOVE CONTENT OF SECOND BUFFER TO CURRENT BUFFER
ST136
A

FIG. 22

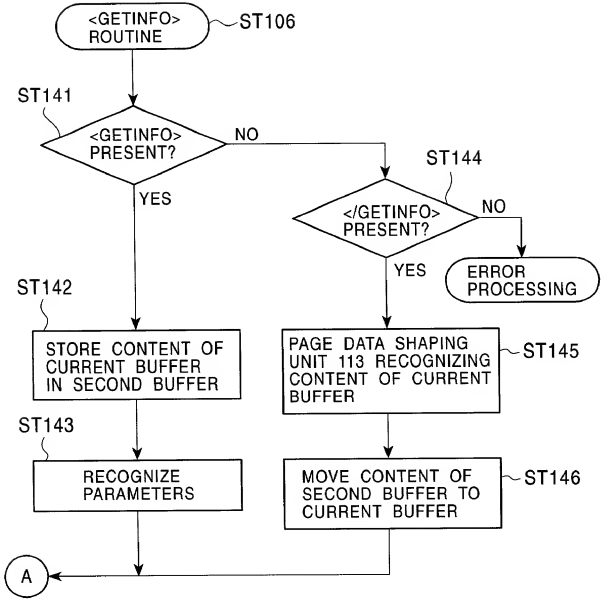

<GETINFO> ROUTINE
ST106
ST141
<GETINFO> PRESENT?
NO
YES
ST144
</GETINFO> PRESENT?
NO
YES
ERROR PROCESSING
ST142
STORE CONTENT OF CURRENT BUFFER IN SECOND BUFFER
PAGE DATA SHAPING UNIT 113 RECOGNIZING CONTENT OF CURRENT BUFFER
ST145
ST143
RECOGNIZE PARAMETERS
MOVE CONTENT OF SECOND BUFFER TO CURRENT BUFFER
ST146
A

FIG. 23

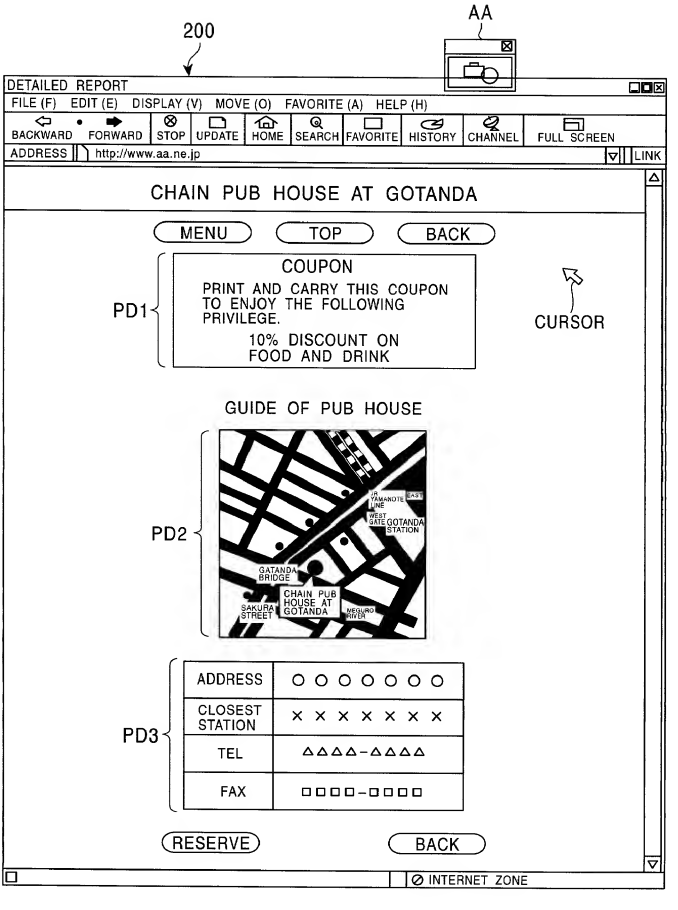
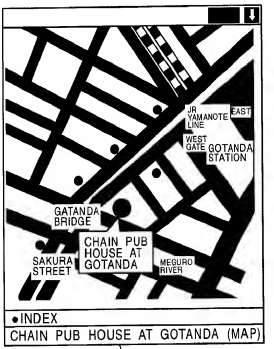

200
AA
DETAILED REPORT
FILE (F) EDIT (E) DISPLAY (V) MOVE (O) FAVORITE (A) HELP (H)
BACKWARD FORWARD STOP UPDATE HOME SEARCH FAVORITE HISTORY CHANNEL FULL SCREEN
ADDRESS http://www.aa.ne.jp
LINK
CHAIN PUB HOUSE AT GOTANDA
MENU
TOP
BACK
PD1
COUPON
PRINT AND CARRY THIS COUPON TO ENJOY THE FOLLOWING PRIVILEGE.
10% DISCOUNT ON FOOD AND DRINK
CURSOR
GUIDE OF PUB HOUSE
PD2
JR YAMANOTE LINE
EAST
WEST GATE
GOTANDA STATION
GATANDA BRIDGE
CHAIN PUB HOUSE AT GOTANDA
SAKURA STREET
MEGURO RIVER
PD3
ADDRESS
CLOSEST STATION
TEL
FAX
RESERVE
BACK
INTERNET ZONE

FIG. 24A

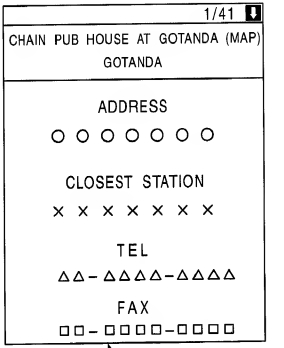


BMP1

FIG. 24B

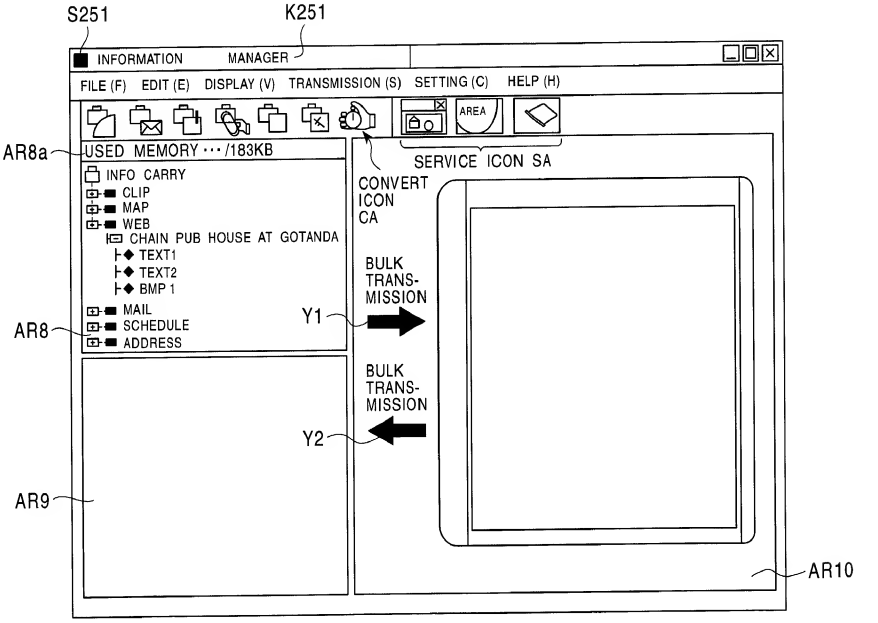
TEXT1

FIG. 24C



TEXT2

FIG. 25


S251
K251
INFORMATION MANAGER
FILE (F) EDIT (E) DISPLAY (V) TRANSMISSION (S) SETTING (C) HELP (H)
AREA
SERVICE ICON SA
AR8a
USED MEMORY ··· /183KB
INFO CARRY
CLIP
MAP
WEB
CHAIN PUB HOUSE AT GOTANDA
TEXT1
TEXT2
BMP 1
MAIL
SCHEDULE
ADDRESS
AR8
CONVERT ICON CA
BULK TRANS-MISSION
Y1
BULK TRANS-MISSION
Y2
AR9
AR10